

In Re: Goretta et al (S.N. 09/924,571)
Amendment in Response to January 30, 2003 O.A.
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sized particles wherein the joint compound contains metal:

- b) applying the joining compound to opposing surfaces of the objects to be joined together;
- c) heating the joint to a heating temperature below the melting point of a lowest melting point constituent of the objects and the joint compound, [construct]; and
- d) applying pressure to the objects so as to direct the opposing surfaces toward each other, whereby the joint compound is intermediate the opposing surfaces.

8. (Twice Amended) The method as recited in claim 7 wherein [the heating temperature T is 0.5 to 0.7] the melting temperature of the lowest melting point constituent of the construct is T_m and the heating temperature is $0.5T_m$ to $0.7T_m$.

Please add claim 25 as follows:

25. The method as recited in claim 7 wherein the construct is heated to approximately 50-60 percent of the melting temperature of the lowest melting temperature constituent.

REMARKS

Claims 7-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mizuhara (Re. 35,521) and further in view of Johns (U.S. 6,168,071) and Chaim et al.

Claim 1 has been amended to more clearly recite that the joint compound is part of the final construct. Claim 1 also has been amended to state that the joint compound contains metal. Support for the claim 1 amendments can be found on page 12, lines 16-18 (joint compound part of resulting component), page 14, line 15 (joint compound added, entire construct heated), page 17, lines 20-21 (suitable metals include...) and page 19, lines 13-14 (intermediate layer).

Claims 8 and 10 are rejected under 35 U.S.C. 112, second paragraph as being